## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

# (19) World Intellectual Property Organization

International Bureau



# 

## (43) International Publication Date 7 October 2004 (07.10.2004)

# (10) International Publication Number WO 2004/085777 A1

(51) International Patent Classification<sup>7</sup>: E05F 3/14, 5/10, F16F 9/12

E05C 19/02,

(21) International Application Number:

PCT/IT2003/000535

(22) International Filing Date:

8 September 2003 (08.09.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: TO2003U000058

27 March 2003 (27.03.2003) IT

(71) Applicant and

(72) Inventor: CULTRARO, Antonino [IT/IT]; Via Montegrappa, 26, I-10098 Rivoli (Torino) (IT).

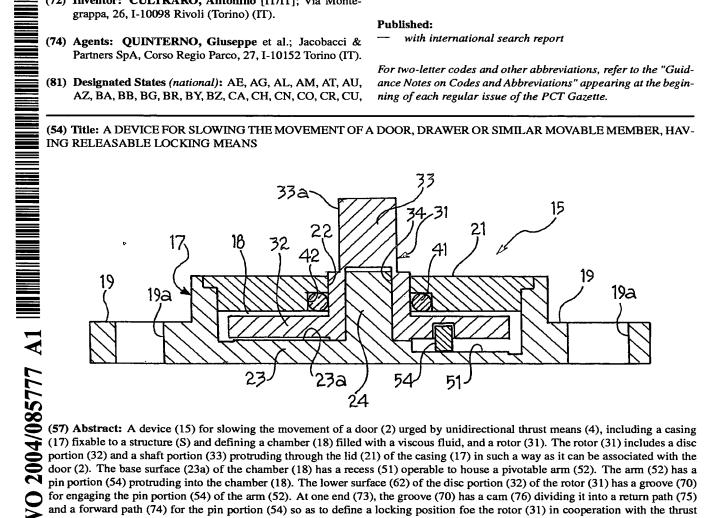
CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

### Declaration under Rule 4.17:

of inventorship (Rule 4.17(iv)) for US only

### Published:



for engaging the pin portion (54) of the arm (52). At one end (73), the groove (70) has a cam (76) dividing it into a return path (75) and a forward path (74) for the pin portion (54) so as to define a locking position foe the rotor (31) in cooperation with the thrust means (4).

